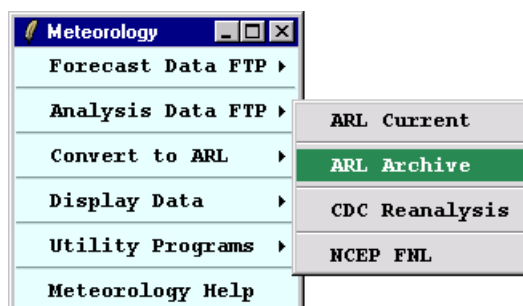


Analysis Data FTP Access

There are four options under the “Analysis Data FTP” menu tab, all of which access NOAA computer systems. The “ARL” and “CDC” options access the Air Resources Laboratories [data server](#) and the “NCEP” options access the National Center’s for Environmental Prediction’ [data server](#). All data available from the ARL server have already been converted to a HYSPLIT compatible format. The NCEP menu accesses the GDAS final analysis GRIB data. These files are converted during the download process. Note that ARL analysis data always consist of one file with multiple time periods, while the NCEP data consist of one GRIB file per time period. Each NCEP file is processed in sequence to create one

multi-time period file. NCEP files are only available for the last 24 hours. The “current” analysis consists of a time series of initialization files from the ETA or AVN forecasts for the last 48 hours. The “archive” menu is discussed in more detail below. The “reanalysis” menu provides access to monthly 2.5 degree NCAR/NCEP files from 1948 to present.



The ARL Archive

The data on the ARL server covers 3 geographic domains: the EDAS for North America and the GFS final analysis (FNL) for the northern and southern hemispheres. Starting in 2004, the EDAS is available only at the enhanced spatial resolution. Files are selected according to the year and half-month (001 for days 1 to 15 and 002 for days 16 to the end). Prior to selecting “Get Data File”, a valid Email address should be entered into the password field. The menu system will “lock-up” until the FTP has completed. The only way to break out would be to kill the FTP process through the windows task manager.

